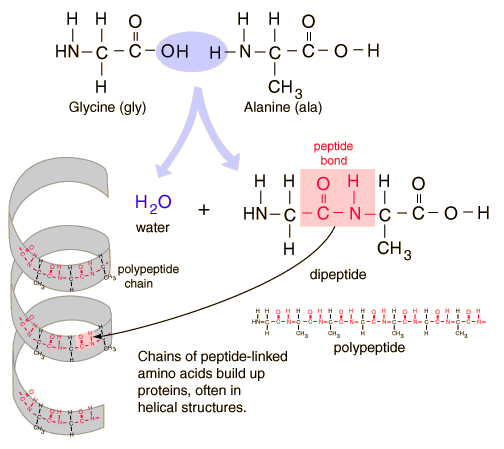
**Dipeptides, Tripeptides & Polypeptides (Level 3) examiners tips: Read these please!**

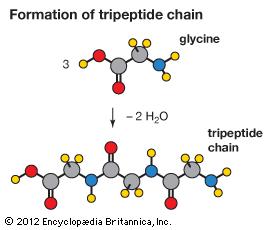
• Glycine and alanine can combine together with the elimination of a molecule of water to produce a dipeptide *– as shown below*



• Look carefully, you’ll notice that glycine and alanine can combine to form a different dipeptide because

a -H can be removed from the glycine and –OH from the alanine to from a different dipeptide and a water molecule.

• If three amino acids are joined together *eg three molecules of glycine* a tripeptide is formed.



• If lots of amino acids are joined together (as in a protein chain), a polypeptide is formed.

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